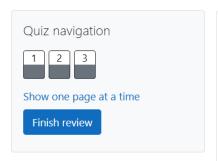
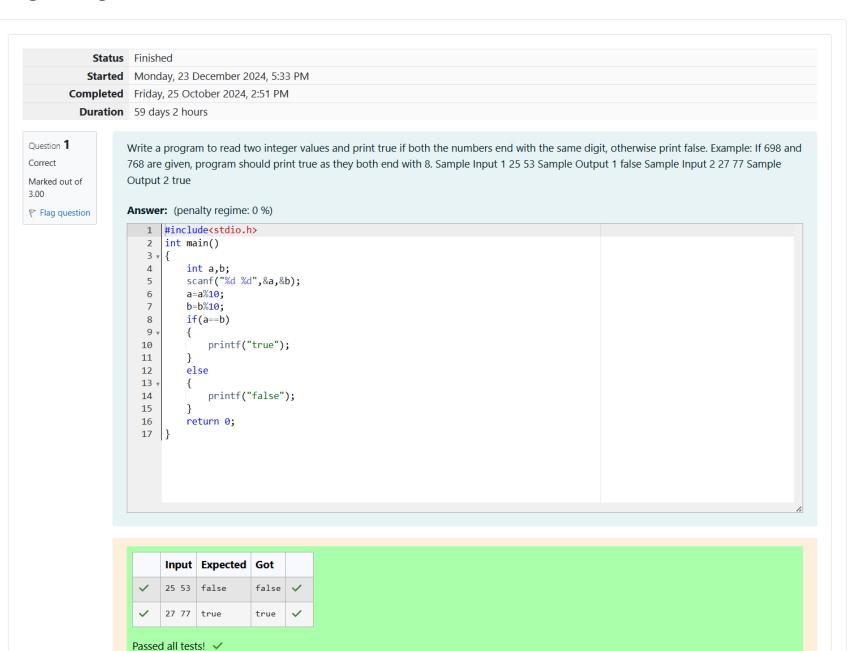
GE23131-Programming Using C-2024





Question 2

Correct

Marked out of

Flag question

Objective

In this challenge, we're getting started with conditional statements.

Task

Given an integer, \mathbf{n} , perform the following conditional actions:

- · If **n** is odd, print Weird
- · If *n* is even and in the inclusive range of 2 to 5, print *Not Weird*
- · If n is even and in the inclusive range of 6 to 20, print Weird
- · If *n* is even and greater than *20*, print *Not Weird*

Complete the stub code provided in your editor to print whether or not *n* is weird.

Input Format

A single line containing a positive integer, n.

Constraints

· 1 ≤ n ≤ 100

Output Format

Print Weird if the number is weird; otherwise, print Not Weird.

Sample Input 0

3

Sample Output 0

Weird

Sample Input 1

24

Sample Output 1

Not Weird

Explanation

Sample Case 0: n = 3

n is odd and odd numbers are weird, so we print **Weird**.

Sample Case 1: **n = 24**

n > 20 and n is even, so it isn't weird. Thus, we print **Not Weird**.

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
    int main()
 2
 3 ₹ {
 4
        int n,c;
        scanf("%d",&n);
 5
 6
        c=n/2;
 7
        if(c==1)
 8 *
 9
           printf("Weird");
10
        else if(c==0 && c>=2 && c<=5)
11
12 🔻
           printf("Not weird");
13
14
        else if(c==0 && c>=6 && c<=20)
15
16
           printf("Weird");
17
18
        else
19
20 1
           printf("Not Weird");
21
22
23
        return 0;
24 }
```

	Input	Expected	Got	
~	3	Weird	Weird	~
~	24	Not Weird	Not Weird	~

Passed all tests! <

Question **3**Correct

Marked out of 7.00

Flag question

Three numbers form a Pythagorean triple if the sum of squares of two numbers is equal to the square of the third. For example, 3, 5 and 4 form a Pythagorean triple, since 3*3 + 4*4 = 25 = 5*5 You are given three integers, a, b, and c. They need not be given in increasing order. If they form a Pythagorean triple, then print "yes", otherwise, print "no". Please note that the output message is in small letters. Sample Input 1 3 5 4 Sample Output 1 yes Sample Input 2 5 8 2 Sample Output 2 no

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
    int main()
 2
 3 ₹
 4
        int a,b,c;
 5
        scanf("%d%d%d",&a,&b,&c);
 6
        if(a*a+b*b==c*c \mid | b*b+c*c==a*a \mid | c*c+a*a==b*b)
 7
           printf("yes");
 8
 9
10
        else
11 v
12
            printf("no");
13
14
        return 0;
15 }
```

	Input	Expected	Got	
~	3 5 4	yes	yes	~
~	5	no	no	~